

# Notice of Allowability

Application No.

09/848,721

Examiner

Yemane M. Gerezgiher

Applicant(s)

MCCARTNEY ET AL.

Art Unit

2144

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 02/01/2006.
2. ☒ The allowed claim(s) is/are 1-9, 11-25, 27-29, 31-34, 36-38, 40, 41, 43-70 and 72 (renumbered 1-65).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 07/05/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

W.C. Vaughn, Jr.  
WILLIAM C. VAUGHN, JR.  
PRIMARY EXAMINER

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. David A. Morasch (Reg. No.: 42,905) on April 17, 2006.

2. **In the claims:**

- In Claim 55, Line 1 after the expression "computer-readable" and before the expression "media", please insert -- storage --.
- In Claim 69, Line 1 after the expression "computer-readable" and before the expression "media", please insert -- storage --.
- In Claim 70, Line 1 after the expression "computer-readable" and before the expression "medium", please insert -- storage --.
- In Claim 72, Line 1 after the expression "computer-readable" and before the expression "media", please insert -- storage --.

***Allowable Subject Matter***

1. Claims 1-9, 11-25, 27-29, 31-34, 36-38, 40, 41, 43-70 and 72 (renumbered 1-65) are allowed.

The following is an examiner's statement of reasons for allowance:

The inventive entity persuasively argued (Remark, Page 22, Line 17 through Page 23, Line 17, Page 23, Line 22 through page 24, Page 24, Line 2, Lines 17-21, Page 25, Lines 5-12, and Page 28, Lines 1-6) that none of the prior art of record taken singularly or in combination teaches or suggests determining a compression function based on a semantic information that is common to individual records in a data set, encoding the data set using the determined compression function; the encoding attribute encoding the data set without the semantic information that is common to the individual records in the data set; an expansion function including information that is common to the individual records in the data set and communicating the encoded data set along with the expansion function including therein the semantic information that is common to the individual records in the data set to a destination; and expanding the encoded data set at the destination using the transmitted/communicated expansion function, wherein the individual records in the encoded data set are expanded to include the common semantic information.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should

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preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

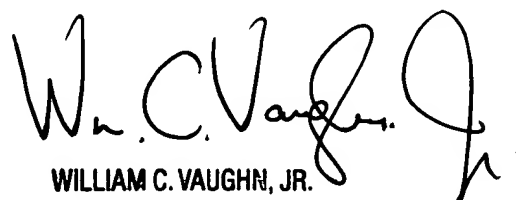
2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yemane M. Gerezgiher whose telephone number is (571) 272-3927. The examiner can normally be reached on 9:00 AM - 6:00 PM Mon - Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Vaughn can be reached at (571) 272-3922. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

YMG

*Yemane M. Gerezgiher*  
*Patent Examiner, Computer Science*

  
WILLIAM C. VAUGHN, JR.  
PRIMARY EXAMINER